

#3

10/510088

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## INFORMATION DISCLOSURE STATEMENT

Applicant : Katunuma, et al.  
App. No. : Unknown  
Filed : Herewith  
For : CYSTEINE PROTEASE INHIBITOR  
Examiner : Unknown  
Group Art Unit : Unknown

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Enclosed is form PTO-1449 listing 21 references that are also enclosed.

This Information Disclosure Statement is being upon the filing date of this application  
and no fee is required in accordance with 37 C.F.R. § 1.97(b)(1), (b)(2), or (b)(4).

Respectfully submitted,

KNOBBE, MARTENS, OLSON &amp; BEAR, LLP

Dated: Oct. 4, 2004

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  <b>INFORMATION DISCLOSURE STATEMENT          BY APPLICANT</b>  (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. TOYA108.006APC	APPLICATION NO. Unknown <b>10/510088</b>
	APPLICANT Katunuma, et al.	
	FILING DATE Herewith	GROUP Unknown

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		WO 95/32727	12/07/95	WIPO				
		WO 95/32728	12/07/95	WIPO				
		WO 98/49152	11/05/98	WIPO				
		05-184382	07/27/93	Japan			Abstract	
		06-128287	05/10/94	Japan			Abstract	
		07-002896	01/06/95	Japan			Abstract	
		07-242600	09/19/95	Japan			Abstract	
		07-126294	05/16/95	Japan			Abstract	
		08-081388	03/26/96	Japan			Abstract	
		09-221425	08/26/97	Japan			Abstract	
		2000-072797	03/07/00	Japan			Abstract	
		2001-139534	05/22/01	Japan			Abstract	
		EP 0 822 260	02/04/98	Europe				
		EP 0 679 659	11/02/95	Europe				
		EP 1 040 833	10/04/00	Europe				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	Beta casein precursor. SWISS-PROT, 1986. Retrieved from JPO DNA Database. Accession No. P02666.
	Beta casein precursor. SWISS-PROT, 1988. Retrieved from JPO DNA Database. Accession No. P05814.
	Lee, et al. "Cathepsin B Inhibitory Peptides Derived from $\beta$ -Casein," <i>Peptides</i> , Vol. 21, pp. 807-809, 2000.
	Matsuoka, et al. "Cystatin C in Milk Basic Protein (MBP) and Its Inhibitory Effect on Bone Resorption <i>In Vitro</i> ," <i>Biosciences, Biotechnology, Biochemistry</i> , Vol. 66, No. 12, pp. 2531-2536, 2002.
	Murata, et al. "New Functions of Lactoferrin and $\beta$ -Casein In Mammalian Milk as Cysteine Protease Inhibitors," <i>Biochemical and Biophysical Research Communications</i> , Vol 306, pp. 98-103, 2003.

EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Katunuma, et al.	
		FILING DATE Herewith	GROUP Unknown

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)
	Suzuki, et al. "Cystein Protease In Bovine Milk Capable of Hydrolyzing Casein as the Substrate and Elevation of the Activity During the Course of Mastitis," <i>Japanese Journal of Veterinarian Science</i> , Vol 52, No. 5, pp. 947-954, 1990.

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